

M E M O R A N D U M

TO: Don Norseth

FROM: Stanley Green

SUBJECT: Assessment of Lower San Pitch River System - 1974

DATE: February 6, 1974

Attached is the assessment roll for the Lower San Pitch River System based on the formula agreed upon; that is, half the cost based on adjusted acreage; half the cost on the measured flow to the water users with a minimum assessment of \$5. It may be wise for a couple of years to have me do this calculation since it is not particularly long, but it might be a little confusing to someone new.

Some interesting things show on this summary; for example, with 1973 being an extremely high water year, some of the diversions were out of proportion to the areas irrigated under the system. The Price Diversion diverted 7846 acre ft. for 452 acres of land. The Drainage District measured 28,363 acre ft. for 3,881.8 acres, while Gunnison Irrigation Company diverted 36,749 acre ft. for approximately 14,000 acres. The first two are extremely high, but Gunnison Irrigation Company is quite realistic. The net effect on the assessment is that these diversions of high flows are paying a larger proportion of the cost. Gunnison Irrigation Company diverted 66 percent of the water in 1972 as opposed to 36 percent in 1973, although the quantity of water was almost the same. These extremes are somewhat mitigated by basing part of the assessment on the acreage. I am not entirely sure but what using acreage only might not be the fairest method after all is said and done, since it would most accurately reflect the benefit gained from the water diverted. We should carefully review this with the Committee each year so they understand what is happening.

For this year some of the assessments will come as quite a shock; for example, in 1973 the Price Diversion was assessed \$31.97. This assessment will be for \$201.09. This is due in part to the increased budget, but most is because they simply diverted so much water which would not be beneficially used.

Please review this roll, and then if you think that we should have some discussions with the water users before sending out the assessments, we could perhaps contact the committee members regarding the assessment.

SG:pd

Stanley Green

SG.

Acct No. Name

DIST R/B  
Factor

Assess  
(Acreage)

% Flow

Assess.  
(Flow)

Total

Lower San Pitch River System  
Assessment For Costs of Distribution

|        |                       |          |         |         |         |         |
|--------|-----------------------|----------|---------|---------|---------|---------|
| 1      | Stanley Price         | .0086608 | 20.05   | 7.704   | 181.04  | 201.09  |
| 2A     | Clayton Peterson      | .0051526 | 11.93   |         |         | 11.93   |
| 2B 1/2 | Harry Mosher          | .0046378 | 10.74   |         |         | 10.74   |
| 2C     | Kenneth B. Sorenson   | Min.     | 5.00    |         |         | 5.00    |
| 2D     | Henry J. Anderson     | Min.     | 5.00    |         |         | 5.00    |
| 2E 1/2 | George L. Sorenson    | Min.     | 5.00    |         |         | 5.00    |
| 2G     | Alonso Hansen         | Min.     | 5.00    |         |         | 5.00    |
| 2H     | Eliza H. Larsen       | Min.     | 5.00    |         |         | 5.00    |
| 3.     | Floyd K. Olsen        | .0238652 | 55.13   | .723    | 16.99   | 72.12   |
| 4      | Gunnison Irrig. Co.   | .5373401 | 1243.94 | 36.084  | 847.97  | 2091.91 |
| 5      | San Pitch Drain Dist  | .0743715 | 172.17  | 27.850  | 654.48  | 826.65  |
| 6      | Gunnison - Fayette    | .1149531 | 266.12  | 1.783   | 41.90   | 308.02  |
| 8      | Mayfield Irr. Co.     | .1149531 | 266.12  | 13.419  | 315.35  | 581.47  |
| 9      | Tom Yarnaley          | Min      | 5.00    | 11.3835 | 246.08  | 5.00    |
| 10     | Donald Olsen          | Min      | 5.00    |         |         | 5.00    |
| 11.    | N. Six Mile Irr. Co.  | .0481757 | 112.22  | 5.283   | 124.15  | 236.37  |
| 12.    | Sterling Irr. Co.     | .0435208 | 100.75  | 6.306   | 148.19  | 248.94  |
| 13.    | Manti Irr. & Res. Co. | .0201174 | 46.57   |         |         | 46.57   |
| 14.    | Carl Braithwaite      | .0040011 | 9.26    | .848    | 19.93   | 29.19   |
|        |                       |          | 2350.00 | 100.000 | 2350.00 | 4700.00 |

581.47 \* P = DN

Basis For Assessment: 1. Half of costs on acreage served as adjusted

2. Half of costs on measured flows to users - Mar 1 - Oct 31, 1973.

3. Minimum assessment of \$5.00.

SG 2-6-74



# DISTRIBUTION OF IRRIGATION WATER LOWER SAN PITCH RIVER SYSTEM MARCH 1 - OCTOBER 31 1973

| Name                          | Acres-Ft  | % of<br>TOTAL |
|-------------------------------|-----------|---------------|
| EPHRAIM-Olsen Ditch           | 735.8     | .723          |
| PRICE DIVERSION               | 7846.0    | 7.704         |
| DRAINAGE DISTRICT             |           |               |
| West Drainage Canal           | 22353.2   |               |
| East Drainage Canal           | 6010.0    |               |
| TOTAL                         | 28363.2   | 27.850        |
| CARL BRAITHWAITE              | 863.6     | .848          |
| STERLING IRRIGATION Co.       |           |               |
| Unnamed Ditch                 | 353.0     |               |
| Three ditches                 | 6069.6    |               |
| TOTAL                         | 6422.6    | 6.306         |
| NORTH SIX-MILE IRR. Co.       |           |               |
| North Ditch                   | 1303.6    |               |
| West Ditch                    | 4076.8    |               |
| TOTAL                         | 5380.4    | 5.283         |
| MAYFIELD IRR. Co.             |           |               |
| North Ditch                   | 3487.2    |               |
| Indian Farm Ditch             | 892.0     |               |
| Spaniard Ditch                | 895.8     |               |
| City Ditch                    | 316.0     |               |
| Old Mayfield Ditch            | 3133.4    |               |
| New Mayfield Ditch            | 4814.8    |               |
| Anderson Ditch                | 126.8     |               |
| TOTAL                         | 13666.0   | 11.3225 cor % |
|                               | 11258.    | 13.419        |
|                               |           | 11,258.6      |
| GUNNISON IRRIG Co.            |           |               |
| Larson Ditch                  | 1291.8    |               |
| City Canal                    | 3135.2    |               |
| Highland Canal                | 8323.8    |               |
| Newfield Canal                | 8492.6    |               |
| Lee Ditch                     | 1441.6    |               |
| Old Field Canal               | 12831.6   |               |
| TOTAL                         | 36749.4   | 36.084        |
| GUNNISON-FAYETTE<br>CANAL Co. | 1816.0    | 1.783         |
| GRAND TOTAL                   | 101,843.0 | 100.000       |
|                               | 99,435.6  | 56 2-6-74     |

corrected as ft  
2407.4